

ABSTRACT OF THE DISCLOSURE

The rotating device for a centrifugal partition chromatograph comprises at least one thick-walled cylindrical body (1) that can be driven in rotation around its axis (14), the said cylindrical body (1) comprising several cells with a height less than a determined height. The cells, arranged in the housings (11), have an elongated shape arranged along a direction with a radial component with regard to the rotation axis (14) of the said body (1) and connected to each other in series through ducts. The single piece cylindrical body (1) has a thick wall, with a height (H) at least twice as high as the said determined height, the said cells being arranged at several different heights.

For example, several hundred cells may be arranged in the single piece cylindrical body (1). The rotating device resists pressures well above 100 bars and can be used for industrial applications.